## REMARKS/ARGUMENTS

1. Rejection of claims 1-6 and 8-11 under 35 U.S.C. 102(b):

Claims 1-6 and 8-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Ben-David et al (WO 01/95544, hereinafter referred to as Ben-David).

Response:

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Independent claims 1 and 6 have been amended to overcome these rejections. Claims 1 and 6 now each recite that a scalar controls the image modulator to create a plurality of gray-level images for each of one or more predetermined colors. In addition, a control circuit projects an on screen display (OSD) on a screen, where the OSD comprises the plurality of gray-level images created by the scalar. The control circuit is also used for adjusting a color wheel delay of the projector until the gray-level images corresponding to each color display the proper color on the OSD, thereby synchronizing the color wheel with the image modulator.

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Support for these amendments is found in the original claim 7 along with paragraphs [0018] and [0019] of the specification. No new matter is added through these amendments to claims 1 and 6.

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On the other hand, neither Ben-David nor Conner et al. (US 5,625,424, hereafter referred to as "Conner") teach adjusting a color wheel delay of a projector using gray-level images projected on a screen through an OSD. As noted by the Examiner on page 6 of the Office action dated 12/19/2006, Ben-David does not teach displaying an OSD for adjusting a color wheel delay on a screen. Conner teaches in column 2, lines 38-47 that a color wheel motor controller 17 is used for adjusting both the speed and the phase of a color wheel motor 16. However, Conner does not teach the use of an OSD for performing the color wheel delay adjustment,

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and only says that the motor controller 17 can be adjusted.

The Applicant respectfully submits that it is not obvious from the teachings of Ben-David and Conner to use an OSD to synchronize the color wheel with the image modulator by adjusting the color wheel delay of the projector until the gray-level images corresponding to each color display the proper color on the OSD. Neither Ben-David nor Conner teach displaying an OSD containing gray-level images, and therefore one skilled in the art would not be motivated to produce the claimed invention as recited in claims 1 and 6 from reading the disclosures of the cited prior art. Claims 1 and 6 are thus patentable over the combination of Ben-David and Conner.

Furthermore, claims 2-5 and 8-11 are dependent on claims 1 and 6, and should be allowed if their respective base claims are allowed. Reconsideration of claims 1-6 and 8-11 is therefore respectfully requested.

2. Rejection of claim 7 under 35 U.S.C. 103(a):

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ben-David in view of Conner.

## Response:

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Claim 7 is cancelled, and is no longer in need of consideration.

In view of the claim amendments and the above arguments in favor of patentability, the applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,

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CUCANON JOU	Date:	03/12/2007	

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